

## **Amendments to the Specification**

Please amend the title to "A Rotary Connector that Prevents Excessive Temperature Increase Generated in a Flexible Cable."

Please insert before the first paragraph of the application:

The present patent application is a continuation of US patent application serial no. 10/050,623 filed January 16, 2002, entitled "A Rotary Connector that Prevents Excessive Temperature Increase Generated in a Flexible Cable" which in turn claims the benefit of priority to Japanese Patent Application Serial Nos. 2001-010783 and 2001-010784, both of which were filed on January 18, 2001. All of the foregoing applications are hereby incorporated herein in their entirety in this application.

Please amend the paragraph on page 9, lines 11-21 as follows:

The stationary housing 2 includes a cylinder-shaped outer cylindrical portion 9, a circular bottom wall 10 formed on the end of the outer cylindrical portion 9 and a circular hole (not shown) formed in a central portion of the bottom wall 10. On the other hand, the movable housing 3 includes a cylinder-shaped inner cylindrical portion 11 and an approximately annular upper wall ~~42-11a~~ provided on one end of the inner cylindrical portion 11. The outer cylindrical portion 9 and the inner cylindrical portion 11 are coaxially disposed, and the movable structure 6 is disposed in the housing section 4 located between the outer and inner cylindrical portions 9, 11.

Please amend the paragraph on page 22, lines 4-16 as follows:

A rotary connector 80 in accordance with the second embodiment to be explained with reference to Figs. 5 and 6 basically comprises: a stationary housing 81; a movable housing 3 connected to the stationary housing 81 so as to be rotatable relatively thereto; a flexible cable 5 as a flat cable housed within a space 32 formed between the stationary and movable housings 81, 3; a movable structure 6 rotatably disposed between the stationary and movable housings 81, 3; totally two lead blocks 7 each being connected to corresponding one of both ends of the flexible cable 5; a temperature sensor 33 as temperature detection means for detecting

temperature of the flexible cable 5, the temperature sensor being provided in the vicinity of the connection part of the flexible cable 5 and the lead block 7.

Please amend the paragraph on page 22, line 17 – page 23, line 5 as follows:

The stationary housing 81 includes a cylinder-shaped outer cylindrical portion 82, a circular bottom wall 83 provided on the end of the outer cylindrical portion 82, and a circular hole 84 formed in a central portion of the bottom wall 83. On the other hand, the movable housing 3 includes a cylinder-shaped inner cylindrical portion 11 and an approximately annular upper wall ~~42-11a~~ provided on one end of the inner cylindrical portion 11. The rotary connector having such constructions of stationary and movable housings is further constructed such that the outer cylindrical portion 82 and the inner cylindrical portion 11 are coaxially disposed, and an annular housing section 4 as a space 83 is formed between the outer and inner cylindrical portions 82, 11. In addition, within the housing section 4 is disposed a movable structure 6.